# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 03 Feb 2023 until 23:59 on Saturday 04 Feb 2023

Forecast Issued on Thursday 02 Feb 2023 at 15:13

**Confidence:** High confidence for a cloudy start to the weekend with some rain and drizzle but exact amounts of cloud are hard to determine, high confidence for a more settled outlook towards the beginning of next week with high pressure building from the south.

**Headline for Friday 03 Feb 2023:** Remaining windy and cloudy with the chance of light rain or drizzle at times.

**Mountain weather hazards on Friday 03 Feb 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | MIST | | | | | |
| Dull | Dull | Mist | Dull | Dull | Dull | Dull | Dull |
| Precipitation probability | | | | | | | |
| 20% | 20% | 40% | 40% | 40% | 40% | 20% | 20% |

**Forecast for Friday 03 Feb 2023**

**Weather:** A dull morning with overcast cloud cover and the chance of light rain or drizzle especially around northern uplands, best chance of a few periods of brighter conditions is over to the south towards Matlock. Any drizzle will die out in the early afternoon and cloud bases lifting but still not that bright by mid afternoon. A dry evening with the chance of some clear spells but some mist and fog patches are a possibility.

**Chance of cloud-free hill tops above 600m:** 30%, more chance in the southern Peak District, improving to 70% by late afternoon, low cloud lingering in the north.

**Low cloud and visibility:** Broken low cloud layers above 400m in the morning, dull and hazy at low levels too. Cloud will begin to lift and break from the west around late morning but scattered low cloud above 500m lingering through the afternoon and evening especially in the north. Visibility will improve during the afternoon but far reaching views are unlikely on Friday.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Friday 03 Feb 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 32/42 W | 27/36 W | 24/33 W | 25/34 W | 24/32 W | 20/27 W | 17/25 W | 14/20 W | 13/18 SW |
| **300** | 22/32 W | 20/29 W | 18/27 W | 16/24 W | 17/26 W | 14/22 W | 10/17 W | 9/15 SW | 8/13 SW |
| **Valley** | 15/32 W | 14/30 W | 13/27 W | 11/23 W | 12/25 W | 11/22 W | 8/19 W | 5/14 SW | 4/12 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/-2 | 5/-1 | 6/0 | 6/0 | 6/1 | 6/1 | 5/0 | 4/0 | 4/0 |
| **300** | 7/3 | 8/3 | 8/4 | 8/4 | 8/4 | 8/5 | 8/5 | 7/4 | 6/4 |
| **Valley** | 8/4 | 8/5 | 8/5 | 8/5 | 9/6 | 9/6 | 8/6 | 7/6 | 7/5 |
| **Freezing Level*** | 2000m | 1900m | 1800m | 2000m | 2000m | 1600m | 1300m | 1300m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Overnight westerly gales will ease a little during the day but winds remaining strong. Feeling milder with freezing level above all summits. Due to a technical error the wind/temperature details can currently only be viewed in the printable pdf version of this forecast.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Thu 02 Feb 2023 | 2.4mm | 2.6mm | 8mm |

**Forecast for Saturday 04 Feb 2023**

**Weather:** Cloudy with some mist and fog patches early in the day. A dry day but rain spreading south during the evening, cloud clearing later in the evening and feeling fresher.

**Maximum wind:** Southwesterly 15-20mph veering northwesterly later in the evening.

**Chance of cloud-free hill tops above 600m:** 60%, improving 90% later during the evening.

**Low cloud and visibility:** During the morning patchy or scattered cloud will shroud the hills at times with layers of cloud above 500m, the clearest tops will be south of Kinder Scout. Visibility will be good below the cloud but a little hazy at times. Later cloud will thicken and lower as rain spreads south and visibility will be poor for a time during the rain. By late evening visibility will improve and cloud begin to clear.

**Temperature:** **Valleys:** Plus 8 – 9 Celsius.
**At 600m:** Plus 4 Celsius.
**Freezing level:** Above the summits falling to 800m later in the evening.

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